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ping the storage at regular intervals, and

save the document to the storage device a plurality of times without incurring any reads/writes to a database.

15. The client computer of claim 13, wherein when the another transition ID is in the cache the processing unit is further operative to:

ping the storage device to collect a lock table from a database to identify a first client; and

submit the current client's lock information in a separate service request.

16. The client computer of claim 15, wherein submitting the first client's lock information comprises the processing unit being further operative to submit pings to the storage device.

17. The client computer of claim 13, wherein switching from the single-client mode to the multi-client mode comprising the processing unit being further operative to:

attempt to take another short-term lock on the document; and

see that that a first client has already received the document.

18. The client computer of claim 13, further comprising the processing unit being operative to determine if more than one another transition ID is in the cache, and, when more than one another transition ID is in the cache, the processing unit is further operative to write to a database information indicating a second client has joined the editing session.

19. The client computer of claim 18, further comprising the processing unit being operative to refresh the cache by updating the transition table.

20. The client computer of claim 19, wherein updating the transition table comprises the processing unit being operative to:

ping the cache to check for the presence of another transition ID in the cache; and

when the another transition ID is not present in the cache, determine if the cache has been refreshed within a predetermined time interval;

when the cache has been refreshed within the predetermined time interval, respond to the ping from the cache, and

when the cache has not been refreshed within the predetermined time interval, fetch the transition table corresponding to the document's content database.

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